



LEGEND

- 1 COMBUSTION TURBINE INLET FILTER
- 2 COMBUSTION TURBINE GENERATOR
- 3 COMBUSTION TURBINE
- 4 HEAT RECOVERY STEAM GENERATOR
- 5 HRSG STACK (110' H)
- 6 RAW WATER TANK (56 DIA. x 40' H)
- 7 DEMIN. WATER TANK (30 DIA. x 40' H)
- 8 RO WATER TANK (15 DIA. x 40' H)
- 9 H2 AND N2 BULK TRAILER STORAGE
- 10 COOLING TOWER
- 11 STEAM TURBINE
- 12 ADMINISTRATION BUILDG. (70' x 90' x 25' H)
- 13 GAS COMPRESSOR BLDG. (50' x 65' x 15' H)
- 14 AQUEOUS AMMONIA (19%) TANK (8'-3" DIA. x 50' L/20,000 GAL.)
- 15 GAS METERING STATION
- 16 SWITCHYARD CONTROL BLDG. (15' x 15' x 10' H)
- 17 WATER TREATMENT/COOLING TOWER CHEMICALS/ ELECTRICAL EQUIPMENT (60' x 80' x 25' H)
- 18 PROCESS (INCLUDING TREATMENT CHEMICALS) (40' x 90' x 25' H)
- 19 ELECTRICAL EQUIPMENT/CONTROL ROOM (30' x 90' x 25' H)
- 20 MAINTENANCE/WAREHOUSE (80' x 90' x 25' H)
- 21 COMPRESSOR WATER WASH SKID
- 22 AMMONIA SPILL IMPOUNDING
- 23 BOILER FEED PUMPS
- 24 CIRCULATING WATER PUMPS
- 25 AUXILIARY CIRCULATING WATER PUMPS
- 26 STEAM TURBINE GENERATOR STEP-UP TRANSFORMER
- 27 GAS TURBINE GENERATOR STEP-UP TRANSFORMER
- 28 CONDENSATE PUMPS
- 29 CLOSED COOLING WATER PUMPS
- 30 CLOSED COOLING WATER HEAT EXCHANGERS
- 31 FUEL GAS SCRUBBER/DRAINS TANK
- 32 WATER WASH DRAINS TANK

NOTE:
1. COORDINATES SHOWN ARE NAD 83 UTM, ZONE 11, METERS.



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designed S. ROTTINGHAUS

FIGURE 2.4-1
Site Arrangement

Palomar Energy Project

project 27085
contract
SK - YGA1